

1 Abstract

2 A load leveling weight distributing hitch which provides enhanced flexibility of
3 attachment and removal is described. This invention is directed to load leveling weight
4 distribution hitches with enhanced strength and which are easy to install and adjust, without the
5 use of special tools or equipment. This invention addresses the attachment of the spring bars
6 commonly used with load leveling hitches by presenting a quick connect / quick disconnect
7 which permits the user to easily install the spring bars without the use of special tools.
8 Additionally, this invention provides a thumb screw adjustment for modifying the pitch angle of
9 the ball hitch. This invention also provides a spring bar lift which provides a novel locking
10 mechanism as well as a chain retention device for maintaining the chain tension during sway.